

Frederick County Government



COMPREHENSIVE ENERGY PLAN OVERVIEW

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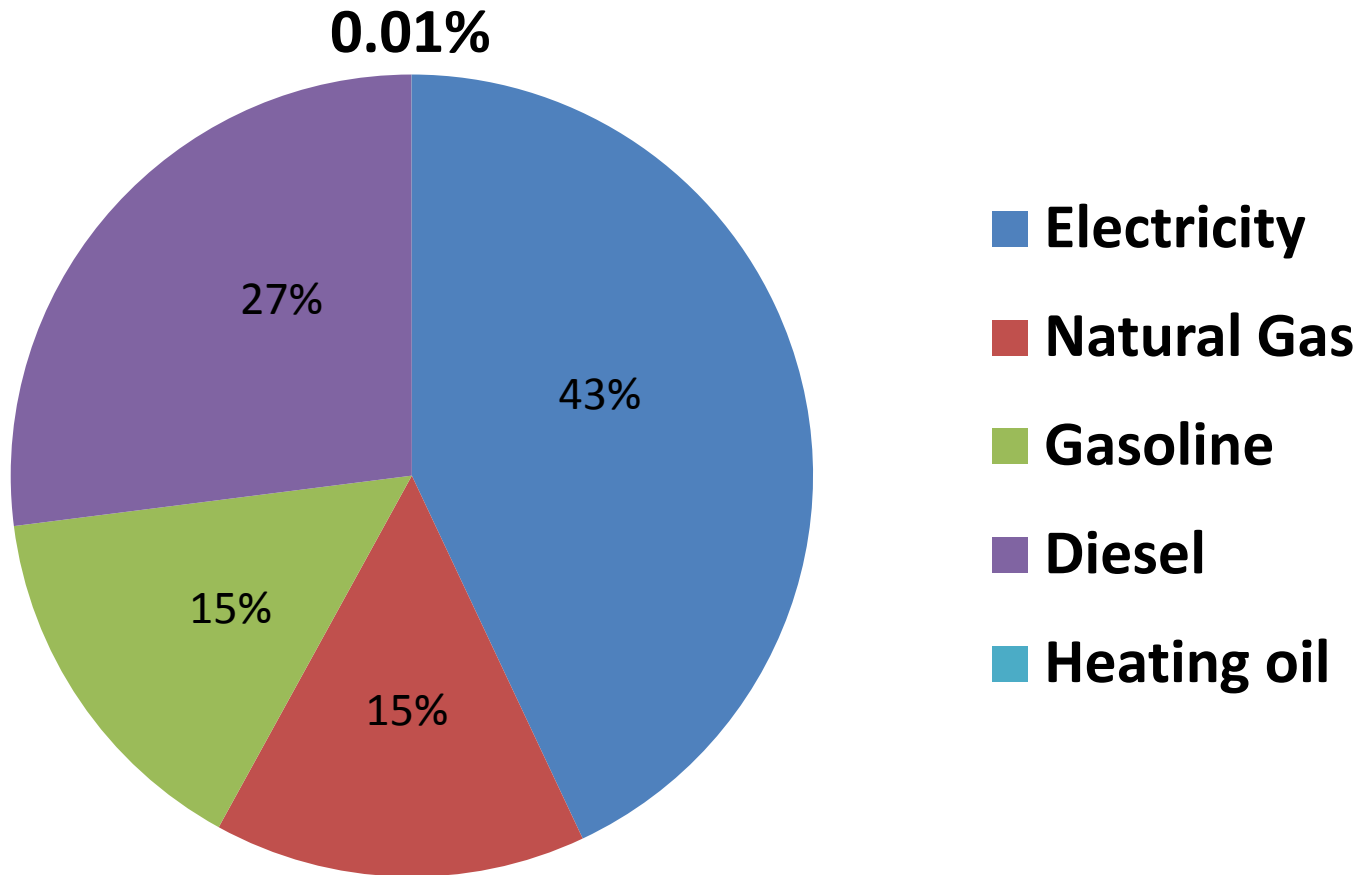
Strategic Goal

Adopt a comprehensive energy plan for Frederick County Government, which establishes definitive goals (annual) to reduce the County's use of non-renewable energy over a 15 year period in its office buildings, facilities and vehicle fleet by 50% or more.

BASELINE DATA

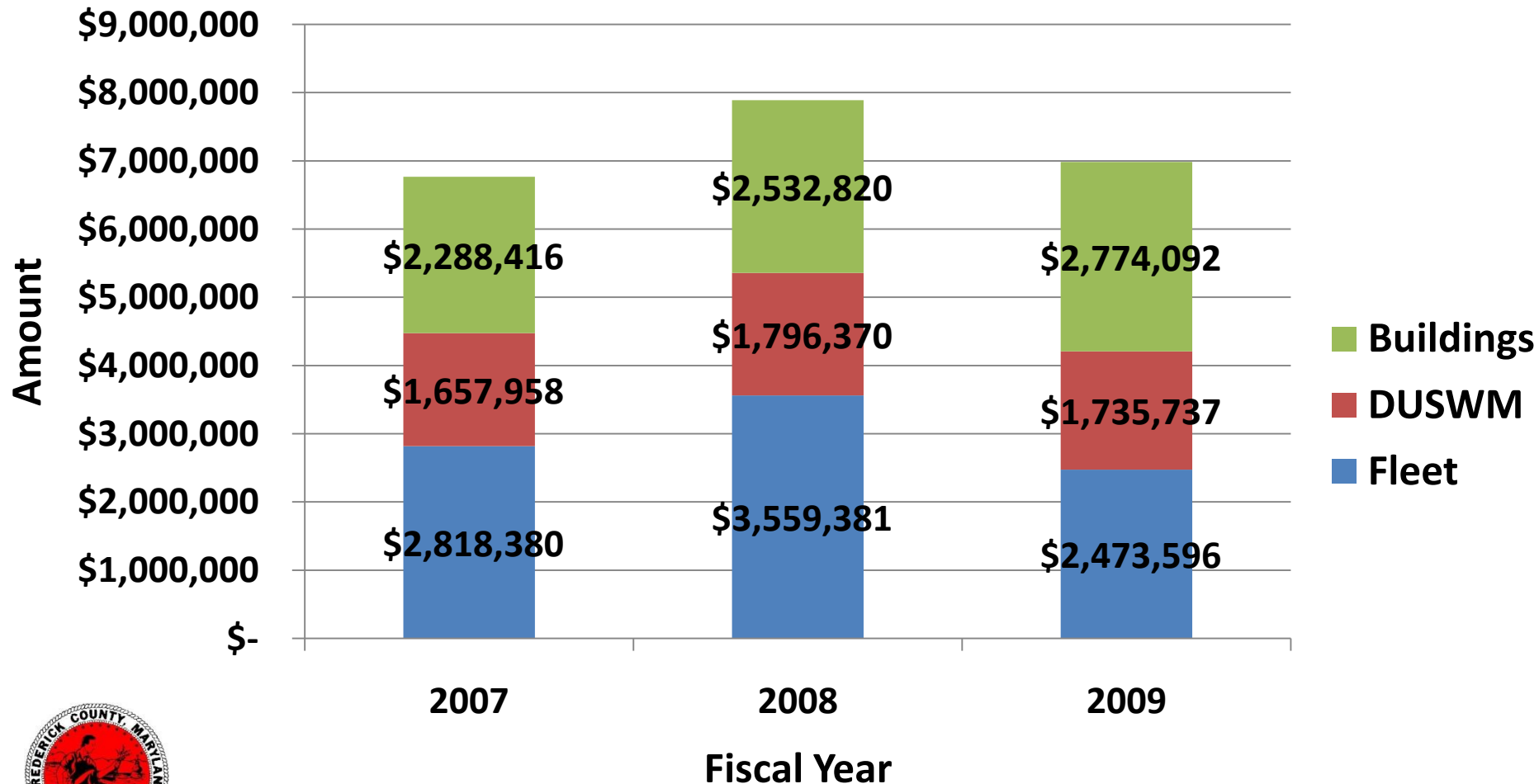
	Electricity (kWh)	Natural Gas (therms)	Gasoline (gallons)	Diesel (gallons)	Heating Oil (gallons)
Buildings (CY 07)	22,888,002	413,317			3,613
Fleet (FY 07)			433,062	615,593	
DUSWM Facilities (FY 08)	17,517,000	48,535			
Emergency Generators				7,658	
1% Renewable Electric (Removed)	(404,050)				
10% Renewable Ethanol (Removed)			(43,306)		
TOTAL BASELINE:	40,000,952	461,852	389,756	623,251	3,613

Energy Usage Breakdown



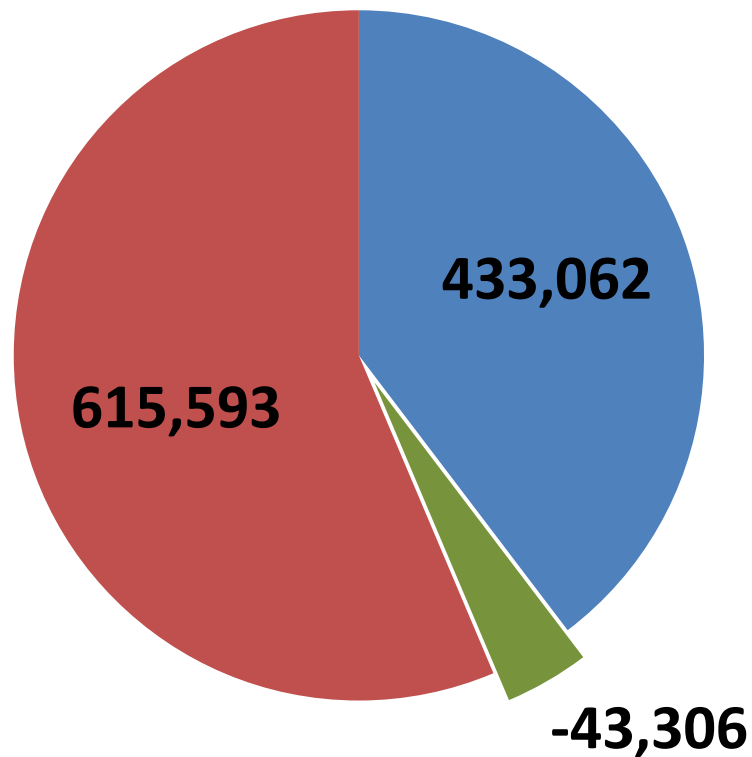
FY 2007 to FY 2009

Actual Expenditures for Energy



FY 2007 - Fuel Usage Breakdown

Total Gallons



■ Gasoline

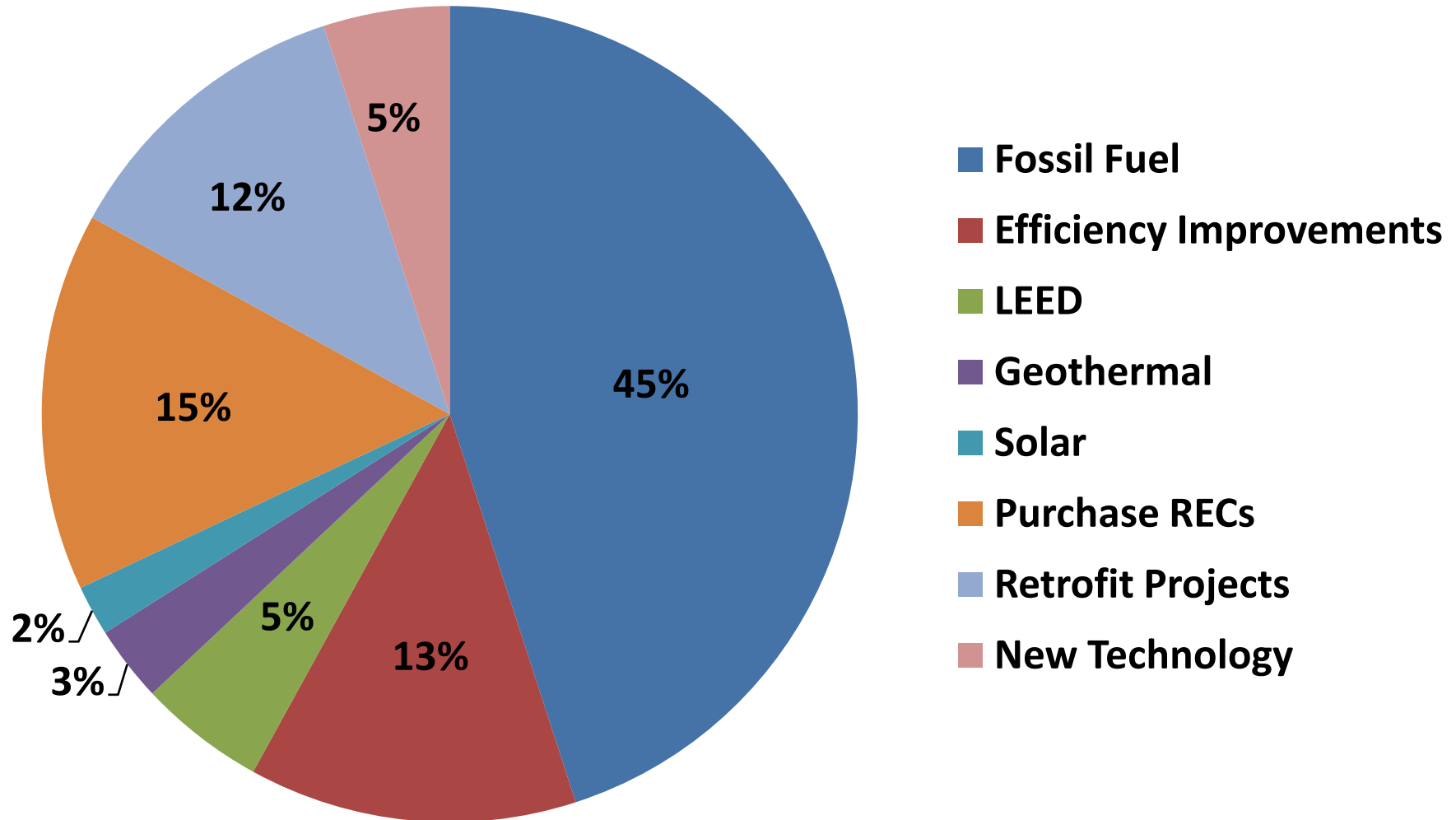
■ Ethanol (Renewable)

■ Diesel

Total Non-Renewable Fuel =
1,005,349 gallons

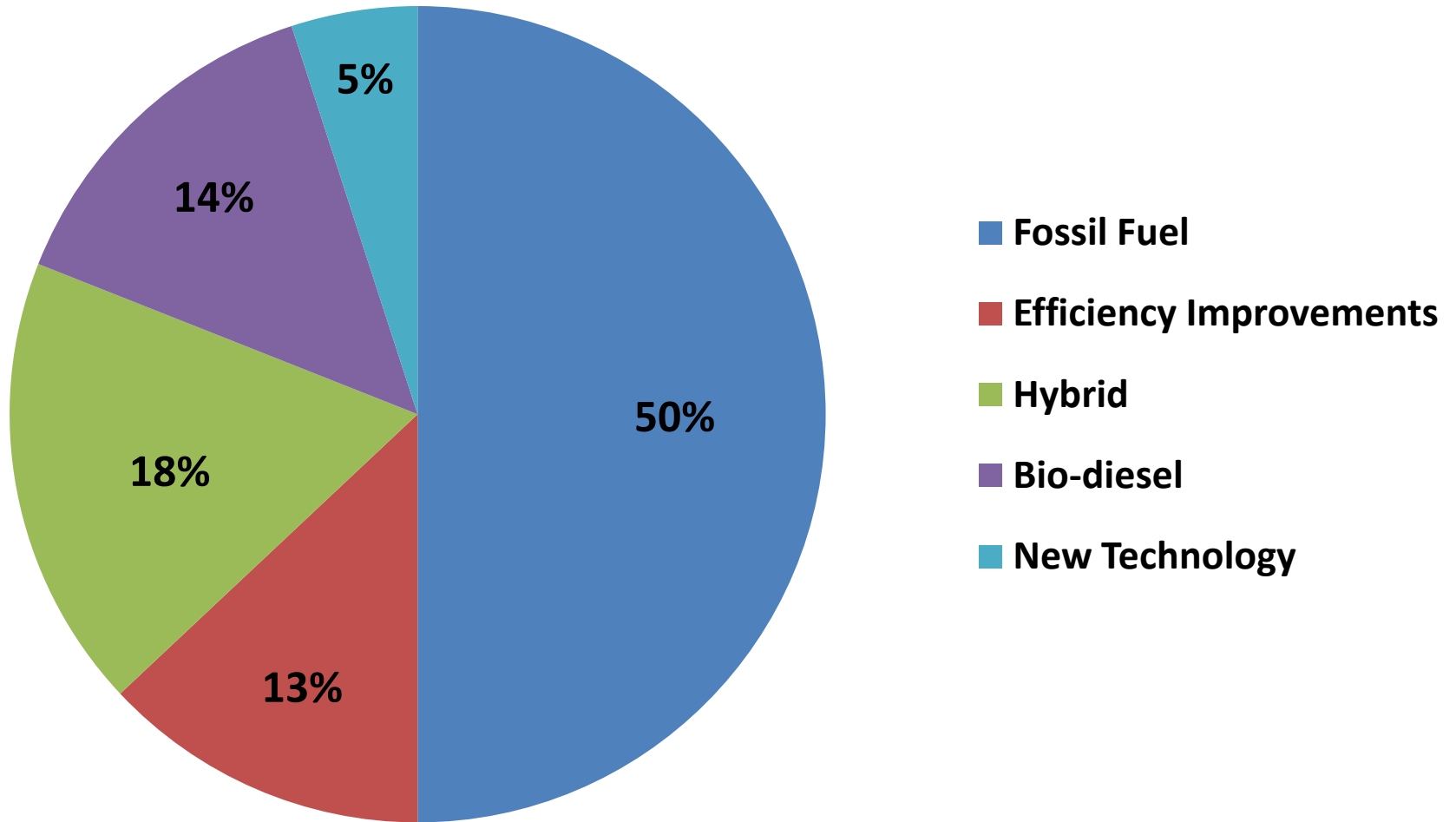
*10% Ethanol removed from gasoline amount as a
renewable fuel*

Possible Effects - Buildings



Data provided by CQI Associates

Possible Effects - Fleet



Data provided by CQI Associates